

WASHINGTON STATE
**One Health, Zoonotic
and Vector-borne
Disease Conference**

April 30 – May 1, 2025
8:30am – 12:30pm PST | Zoom



Washington
State Department of
Agriculture

Zoom link (both days): <https://us02web.zoom.us/j/82588814156?pwd=MV14cDGgMv0gBgnuHMmJb0k9nfa16q.1>

Meeting ID: 825 8881 4156 Passcode: ohc2025

Day 1: Wednesday, April 30, 2025, 8:30a-12:30p PST

8:30 – 8:50

Welcome and Introductions

Lauren Sarkissian, Washington State Department of Health
Atousa Salehi, Washington State Department of Health
Rosalinda Turk, Washington State Department of Health
Kevin Snekvik, Washington State University
Amber Itle, Washington State Department of Agriculture

8:50 – 9:15

Infection Control in Dairy Worksites

Peter Rabinowitz, University of Washington Center for One Health Research

9:15 – 9:30

West Nile Virus Surveillance: Increasing Awareness

Fiona Dunbar, Kait Wolterstorff, Yakima Health District

9:30 – 9:45

American Mosquito Control Association/Center for Disease Control Integrated Mosquito Management

Angela Beehler, Benton County Mosquito Control District

9:45 – 10:00

Investigation of PFAs in Home-Raised Livestock

Barb Morrissey, Washington State Department of Health

10:00 – 10:15

Zoonotic and Vector-borne Disease Updates in WA

Hannah Schnitzler, Washington State Department of Health

10:15 – 10:25

BREAK

10:25 – 12:35

Highly Pathogenic Avian Influenza Panel

Amber Itle, Washington State Department of Agriculture
Katie Haman, Washington Department of Fish and Wildlife
Kevin Snekvik, Washington State University
Beth Lipton, Washington State Department of Health
Hanna Oltean, Washington State Department of Health
Steve Krager, Benton Franklin Health District

Rosalinda Turk, Washington State Department of Health
Peter Rabinowitz, University of Washington Center for One Health Research

Day 2: Thursday, May 1, 2025, 8:30a-12:30p PST

- 8:30 – 8:40** **Welcome to Day 2**
Lauren Sarkissian, Washington State Department of Health
- 8:40 – 9:05** **Indigenous One Health Perspectives**
Rosalinda Turk, Washington State Department of Health
- 9:05 – 9:20** **The One Health Clinic: Care for Young Adults and Animals
Experiencing Housing Insecurity**
Natalie Rejto, University of Washington
- 9:20 – 9:35** **A Global, One Health Approach to Predicting Emerging Infectious
Diseases**
Colby Ham, Pacific Northwest National Labs
- 9:35 – 9:50** **Creating One Health Educational Campaigns**
Lauren Sarkissian, Washington State Department of Health
- 9:50 – 10:15** **Preventing Dog Fatalities from Harmful Algal Blooms**
Jim Coleman, Benton-Franklin Health District
- 10:15 – 10:35** **Analyzing Legionellosis Clustering in the Duwamish River Area, King
County**
Jennifer Lenahan, Public Health Seattle and King County
- 10:35 – 10:45** **BREAK**
- 10:45 – 11:10** **A Multi-sectoral and Multidisciplinary Approach by the Puget Sound
Partnership to Restoring and Protecting Puget Sound: An Example
of One Health in Action**
Marguerite Pappaioanou, University of Washington
- 11:10 – 11:25** **Extending Puget Sounds' exploration of integrated social-ecological
systems to more explicitly consider human and animal health**
Scott Redman, Puget Sound Partnership
- 11:25 – 11:45** **Stormwater One Health in Puget Sound**
Heidi Siegelbaum, Washington State University
- 11:45 – 12:00** **Building One Health Genomics Capacity in British Columbia to
Support Avian Influenza Outbreak Response**
Shannon Russel, British Columbia Centers for Disease Control
- 12:00-12:15** **Is Soil an Important Ingredient in Mosquito Ecology?**
Jeb Owen, Washington State University

Speaker Bios

Dr. Atousa Salehi, MD, MBA, FACEP, is a board-certified emergency physician, healthcare innovator, and public health leader with over three decades of experience spanning clinical practice, health system management, digital health, and public health policy. In her current role as Chief Science Officer, Dr. Salehi leads the Executive Office of Health and Science, overseeing scientific and evidence-based strategies that drive Washington's public health priorities.

Rosalinda Turk is the Tribal Engagement Director for the Washington State Department of Health, where she works to integrate Indigenous knowledge into public health frameworks. A proud citizen of the Cherokee Nation, Rosalinda is committed to uplifting Tribal voices and ensuring that Tribal sovereignty is central in shaping public health policies. She has over a decade of experience in public health, advocating for equity and the inclusion of Indigenous perspectives in health initiatives.

Dr. Kevin Snekvik is in the Washington State University College of Veterinary Medicine where he serves as Executive Director of the Washington Animal Disease Diagnostic Laboratory (WADDL) and has an academic appointment as a Professor in the Department of Veterinary Microbiology and Pathology. Trained as a veterinarian and board certified in veterinary anatomic pathology, Dr. Snekvik also has a PhD focused on immunological responses and disease development during retroviral infection. With over 20 years of experience in WADDL, Dr. Snekvik has also accumulated expertise in animal health and disease surveillance for interstate and international movement of terrestrial animals, marine and freshwater fish, and live aquaculture products. Dr. Snekvik works closely with the USDA and Washington State Department of Agriculture on testing for high consequence and transboundary diseases such as avian influenza. He also bridges animal and human health as WADDL is the veterinary diagnostic laboratory in the CDC funded Northwest Pathogen Genomics Center of Excellence within the WA Department of Health focused on respiratory viral infections that include avian influenza.

Amber Itle is a leading expert in animal health, avian health, and animal disease traceability programs in her role as a State Veterinarian at the Washington State Department of Agriculture (WSDA). She brings two decades of experience to WSDA, previously serving as the agency's assistant veterinarian and as a field veterinarian, she also worked in equine and livestock practice for ten years. Today, she spearheads the state's response to critical reportable diseases such as Avian Influenza.

Hannah Schnitzler is a veterinary epidemiologist within the Zoonotic and Vector-borne Disease Program at the Washington State Department of Health. Her primary interests include zoonotic and vector-borne disease surveillance and utilizing surveillance data to inform disease prevention at the human-animal interface.

Fiona Dunbar is an Environmental Health Specialist at the Yakima Health District. In addition to serving as the Technical Lead for YHD's Food Safety Program, Fiona has been instrumental in the district's West Nile Virus Surveillance efforts for the past two years, taking point on intern training and quality assurance, as well as supporting data management.

Kait Wolterstorff, RS, is the Environmental Health Program Manager at the Yakima Health District, where she leads planning and analysis for the West Nile Virus Surveillance and Outreach program. With a background in emergency preparedness and four years in environmental health, Kait oversees site selection, manages summer interns, and collaborates with the community health team to support outreach efforts.

Angela Beehler is the district manager for the Benton County Mosquito Control District in West Richland, Washington, and serves as the North Pacific Regional Director for the American Mosquito Control Association. Ms. Beehler helps organize regular visits to Washington, D.C., to educate legislators and regulators on the importance of public health mosquito control.

Barb Morrissey is a senior toxicologist at WA DOH. She evaluates human health risks of environmental chemicals and works on policy and health advice to reduce harmful exposures. Most recently, she is working on PFAS contamination in drinking water and the various ways people are exposed when PFAS are in their tap water.

Peter Rabinowitz MD MPH is Associate Professor in the Departments of Environmental and Occupational Health Sciences, Family Medicine, Global Health, Epidemiology, and Medicine (Infectious Disease), University of Washington. He directs the UW Center for One Health Research that explores linkages between the health of humans, animals, and their shared environment. Dr. Rabinowitz co-directs the UW Alliance for Pandemic Preparedness, provides clinical care for patients with zoonotic infectious diseases, and collaborates with Washington State University on the Seattle One Health Clinic providing integrated primary care to people and their pets experiencing homelessness.

Katie Haman is a wildlife veterinarian with the WA Dept of Fish and Wildlife and focuses on non-game (or diversity) species. She is the lead for Highly Pathogenic Avian Influenza (HPAI) for the Agency.

Beth Lipton, DVM, MPH, is the State Public Health Veterinarian at the Washington State Department of Health. She has worked in both local and state public health for the past 18 years. She focuses largely on zoonotic and vector-borne disease prevention and control but is also interested in animal and human health impacts of climate change and environmental exposures, and she strives to approach all her work from an equity and One Health perspective.

Steve Krager is a Preventive Medicine physician who serves as the Health Officer for four jurisdictions in Washington. He is passionate about addressing the structural issues that shape population health.

Lauren Sarkissian, MPH, is a health services consultant at the Washington State Department of Health, working with the Zoonotic and Vector-borne Disease Program. She is a health educator and program manager, overseeing the Washington State One Health Conference, tick and mosquito surveillance programs, and health promotion campaigns. She is passionate about equitable health communications so individuals can make informed decisions about their health.

Hanna Oltean, PhD MPH, is a senior epidemiologist at the Washington State Department of Health. She currently leads the Zoonotic and Vector-borne Disease Program, in the Office of Communicable Disease Epidemiology. Her work focuses on disease prevention and control, as well as surveillance system design, implementation, and evaluation using a One Health approach.

Natalie Rejto is a Postdoctoral nursing researcher at the University of Washington, with 15 years of experience in pediatric nursing. Natalie's research focuses on applying the One Health framework to reduce environmental exposures and health disparities at the human- animal- environment interface.

Colby Ham, a data scientist at PNNL, has been driving the development of health decision support applications for the last 6 years. He believes overcoming data sharing barriers and leveraging One Health context through analytics are critical for providing important signals and enabling early warnings and intelligence for zoonotic disease prediction

Jim Coleman has been a biology teacher, molecular biologist, analytical chemist, fisheries biologist, environmental health specialist, and recently became a climate effects specialist. He has been with the Benton-Franklin Health District for the last 17 years and manages the Harmful Algal Bloom program as part of his duties as climate effects specialist.

Jennifer Lenahan is an epidemiologist with the Communicable Disease Epidemiology and Immunization Section at Public Health – Seattle & King County. Her work focuses primarily on zoonotic, vector-borne and emerging conditions. Prior to her time at King County, she worked in global health research, and on hospital-based enteric and respiratory viral surveillance.

Scott Redman is the Director of the Science and Evaluation Program at the Puget Sound Partnership, a state agency coordinating the science-informed recovery of the Puget Sound ecosystem. Healthy human populations and vibrant human quality of life are named among the state's goals for Puget Sound recovery. Scott guides a team of boundary spanners at the Partnership who facilitate a broad-based effort to answer questions about the effectiveness of ecosystem recovery efforts and the condition of the ecosystem.

Marguerite Pappaioanou, DMV, MPVM, PhD is a veterinarian and epidemiologist with over 40 years of experience in public, global, and One Health. She currently serves as Affiliate Professor in the University of Washington Center for One Health Research, Department of Environmental and Occupational Health Sciences, School of Public Health. She volunteers with the Puget Sound Partnership as member of the Puget Sound Environmental Monitoring Program (PSEMP) Steering Committee, PSEMP Diseases and Toxics Work groups, Social Sciences Advisory Committee, and the PSP Science Panel. Her main areas of expertise are disease surveillance, emerging zoonotic infectious diseases, and food safety.

Heidi Siegelbaum, JD, has served as a bridge between scientists and engineers for over 30 years in her capacity as an industrial toxics and managed health care attorney, science communicator, environmental planner, and policy analyst. At the Washington Stormwater Center at WSU, she promotes human health integration in Puget Sound recovery, using her love and facility with connecting ideas, approaches, people and organizations. Heidi serves on the Puget Sound Ecosystem Monitoring Program steering committee and serves on the Boards of the PNW Chapter of the Society of Environmental Toxicology & Chemistry and the Pacific Northwest Social Marketing Association.

Shannon Russel Dr. Russell is a senior scientist in translational genomics at the British Columbia (BC) Center for Disease Control Public Health Laboratory. She works on building genomic surveillance tools and reporting strategies for pathogens of public health importance, particularly in a One Health context. She works closely with human and animal health sectors in BC and nationally to build integrated surveillance programs and deliver genomics data that can be used to inform public health measures, outbreak response, and infection prevention and control policy.

Dr. Jeb Owen is a professor in the Department of Entomology at Washington State University. His lab studies the ecology of parasitic disease from multiple perspectives, including immunological, behavioral, and climatic.